## Page 1 of 4

FORM PTO-1449 (Modified)  LIST OF INFORMATION PROVIDED  BY APPLICANT				ATTY. DOCKET NO.	SERIAL NO.	
				57.0552 US PCT	10/574,298	
(Us	se sever	al sheets if necess				
			APPLICANTS Hughes et al			
			FILING DATE GROUP			
				11/28/06	7082	
REFERENCE	DESIGNA'	TION U.S. PATENT DO	CUMENTS			
Examiner Initial		Document No.	Date	Patentee		
	AA	2002/0023752	02/28/02	Qu et al		
	AB	2003/0132033	07/17/03	Jones et al		
	AC	2 842 206	07/08/58	Bearden et al.		
	AD	2 858 892	11/04/58	Carpenter		
	AE	3 404 734	10/08/68	Raifsnider et al		
	AF	3 695 356	10/03/72	Argabright et al.		
	AG	3 719 228	03/06/73	Garcia		
	АН	3 797 575	03/19/74	Dill et al		
	AI	3 859 107	01/07/75	Garcia		
	AJ	3 866 685	02/18/75	Friedman		
	AK	3 979 304	09/07/76	Fischer et al		
	AL	3 979 305	09/07/76	Fischer et al		
	AM	3 989 632	11/02/76	Fischer et al		
	AN	4 127 174	11/28/78	Sharpe et al		
	AO	4 183 406	01/15/80	Lundberg et al		
	AP	4 191 249	03/04/80	Sarem		
	AQ	4 192 753	03/11/80	Pye et al		
	AR	4 352 396	10/05/82	Friedman		
	AS	4 476 931	10/16/84	Boles et al		
	AT	4 525 285	06/25/85	Son et al		
	AU	4 739 834	04/26/88	Peiffer et al		
	AV	5 346 013	09/13/94	Pusch et al		

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /AD/

Page 2 of 4

AW	5 711 900	01/27/98	Jones		
AX	5 735 349	04/07/98	Dawson et al		
AY	5 979 557	11/09/99	Card et al		
AZ	6 001 280	12/14/99	Jones		
BA	6 133 204	10/17/00	Newhouse et al		
BB	6 194 356	02/27/01	Jones et al		
вс	6 228 812	05/08/01	Dawson et al		
BD	6 232 274 B1	05/15/01	Hughes et al		
BE	6 419 017 B1	07/16/02	Metcalf et al		
ATENT DOO	TUMENTS				
	Dogument No.	Date	Country	<u>Translati</u>	on No
RF			_	168	NO
	02/110/3/A1	02/14/02	***		
BG	1 041 242 A1	10/04/00	EP		
ВН	2 335 428 A	09/22/99	GB		
BI	2 348 447 A	10/04/00	GB		
ВЈ	2 382 829 A	06/11/03	GB		
RMATION PR	ROVIDED (AUTHOR, TITLE	, DATE, PLA	CE OF PUBLICATION	ON, PERTINEN	IT
вк	Zaitoun& Kohler, 'Two-phase flow through porous media: Effect of an adsorbed polymer layer'				
BT.					
	Senol et al 'Design and field application of chemical gels for water control in oil wells producing from naturally fractured carbonated reservoirs'				
	SPE paper 17949				
	SPE Middle East Oil Technical Conference, Bahrain, March 1989				
BM	Kohler& Zaitoun 'Polymer treatment for water control in high-				.gh-
	SPE paper 21000  SPE International Symposium, California USA, 1991				
BN	Seright& Liang, 'A survey of field applications of gel treatment:			atments	
	SPE paper 26991				
	Latin American/Caribbean Engineering Conference, Argentina, 1994				
ВО	Zitha et al 'Permeability- dependent propagation of				
	SPE paper 28955				
	SPE International Symposium, Texas USA, 1995				
	AX AY AZ BA BB BB BC BD BE ATENT DOC BF BG BH BI BJ RMATION PF BC BH BI BJ RMATION PF BC BH BI BJ BJ RMATION PF BC BB	AX 5 735 349  AY 5 979 557  AZ 6 001 280  BA 6 133 204  BB 6 194 356  BC 6 228 812  BD 6 232 274 B1  BE 6 419 017 B1  ATENT DOCUMENTS  Document No.  BF 02/11873/A1  BG 1 041 242 A1  BH 2 335 428 A  BI 2 348 447 A  BJ 2 382 829 A  RMATION PROVIDED (AUTHOR, TITLE.)  BK Zaitoun& Kohler, 'Twan adsorbed polymer's SPE paper 18085  SPE Technical Conference of SPE paper 18085  SPE Technical Conference of SPE paper 17949  SPE Middle East Oil 'SPE paper 17949  SPE Middle East Oil 'SPE paper 2000  SPE International Synthesis of SPE paper 2000  SPE International Synthesis of SPE paper 26991  Latin American/Caribi  BO Zitha et al 'Permeab polyacrylamides under SPE paper 28955	AX 5 735 349 04/07/98  AY 5 979 557 11/09/99  AZ 6 001 280 12/14/99  BA 6 133 204 10/17/00  BB 6 194 356 02/27/01  BC 6 228 812 05/08/01  BD 6 232 274 B1 05/15/01  BE 6 419 017 B1 07/16/02  ATENT DOCUMENTS  Document No. Date  BF 02/11873/A1 02/14/02  BG 1 041 242 A1 10/04/00  BH 2 335 428 A 09/22/99  BI 2 348 447 A 10/04/00  BJ 2 382 829 A 06/11/03  AMATION PROVIDED (AUTHOR, TITLE, DATE, PLA.)  BK Zaitoun& Kohler, 'Two-phase floan adsorbed polymer layer'  SPE paper 18085  SPE Technical Conference, Texas  BL Senol et al 'Design and field a water control in oil wells producarbonated reservoirs'  SPE paper 17949  SPE Middle East Oil Technical Comparation of the service of the	AX 5 735 349 04/07/98 Dawson et al  AY 5 979 557 11/09/99 Card et al  AZ 6 001 280 12/14/99 Jones  BA 6 133 204 10/17/00 Newhouse et al  BB 6 194 356 02/27/01 Jones et al  BC 6 228 812 05/08/01 Dawson et al  BC 6 232 274 B1 05/15/01 Hughes et al  BE 6 419 017 B1 07/16/02 Metcalf et al  ATENT DOCUMENTS  Document No. Date Country  BF 02/11873/A1 02/14/02 W0  BG 1 041 242 A1 10/04/00 EP  BH 2 335 428 A 09/22/99 GB  BI 2 348 447 A 10/04/00 GB  BJ 2 382 829 A 06/11/03 GB  ENATION PROVIDED (AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)  BK Zaitoun& Kohler, 'Two-phase flow through porous an adsorbed polymer layer'  SPE paper 18085  SPE Technical Conference, Texas USA, October 19  BL Senol et al 'Design and field application of cl water control in oil wells producing from nature carbonated reservoirs'  SPE paper 17949  SPE Middle East oil Technical Conference, Bahre Kohler& Zaitoun 'Folymer treatment for water of temperature production wells'  SPE paper 21000  SPE International Symposium, California USA, 19  BN Serights Liang, 'A survey of field applications for water shutoff'  SPE paper 26991  Latin American/Caribbean Engineering Conference Delayacrylamides under near-wellbore flow conditions of polyacrylamides under near-wellbore flow conditions of the paper 28955	AX 5 735 349 04/07/98 Dawson et al  AY 5 979 557 11/09/99 Card et al  AZ 6 001 280 12/14/99 Jones  BA 6 133 204 10/17/00 Newhouse et al  BB 6 194 356 02/27/01 Jones et al  BC 6 228 812 05/08/01 Dawson et al  BC 6 232 274 B1 05/15/01 Hughes et al  BE 6 419 017 B1 07/16/02 Metcalf et al  ATENT DOCUMENTS  BF 02/1873/A1 02/14/02 WO  BF 02/1873/A1 02/14/02 WO  BF 02/1873/A1 02/14/02 WO  BF 02/1873/A1 02/14/02 WO  BH 2 335 428 A 09/22/99 GB  BI 2 348 447 A 10/04/00 GB  BJ 2 382 829 A 06/11/03 GB  BMATION PROVIDED (AUTHOR, TITLE, DATE, PLACE OF PUBLICATION, PERTINENT)  BK Zaitoun& Kohler, 'Two-phase flow through porous media: Eff an adsorbed polymer layer'  SPE paper 18085  SPE Technical Conference, Texas USA, October 1988  BL Senol et al 'Design and field application of chemical gels water control in all wells producing from naturally fracture arbonated reservoire'  SPE paper 17949  SPE Middle East Oil Technical Conference, Bahrain, March 10 temperature production wells'  SPE paper 17949  SPE paper 21000  SPE International Symposium, California USA, 1991  BN Seright& Liang, 'A survey of field applications of gel tree for water shutcff'  SPE paper 26991  Latin American/Caribbean Engineering Conference, Argentins DOLYMEN DESCRIPTIONS  SPE paper 26991  Latin American/Caribbean Engineering Conference, Argentins SPE paper 26991  Latin American/Caribbean Engineering Conference, Argentins SPE paper 26991

## Page 3 of 4

	ВР	Ranjbar et al 'Comparative laboratory selection and field testing of polymers for selective control of water production in gas wells'		
		SPE paper 28984		
		SPE International Symposium, Texas USA, 1995		
BQ		Barreau et al 'Water control in producing wells: Influence of an adsorbed- polymer layer on relative permeabilities and capillary pressure'		
		SPE paper 35447		
		SPE/ DOE Symposium on Improved Oil Recovery, Oklahoma USA, 1996		
	BR	Chen Tielong et al 'A relative permeability modifier for water control of gas wells in a low- permeability reservoir'		
		SPE paper 35617		
		SPE Gas Technology Symposium, Calgary Canada, 1996		
	BS	Bryant et al 'Polymer gelants for high temperature water shutoff applications'		
		SPE journal 36911		
		SPE European Petroleum Conference, Milan Italy, 1997		
	BT	Liang& Seright `Further investigations of why gels reduce water permeability more than oil permeability'		
		SPE paper 37249		
		SPE International Symposium, Houston USA, 1997		
	BU	Mennella et al 'Pore-scale mechanism for selective permeability reduction by polymer injection'		
		SPE journal 39634		
	<u> </u>	SPE/DOE Improved Oil Recovery Symposium, Oklahoma USA, 1998		
	BV	Sydansk& Southwell 'More than 12 years of experience with a successful conformance-control polymer gel technology'		
		SPE paper 49315		
		SPE Annual Technical Conference, New Orleans USA, 1998		
	BW	Al-Sharji et al `Pore-scale study of the flow of oil and water through polymer gels'		
		SPE paper 56738		
		SPE Annual Technical Conference, Texas USA, 1999		
	BX	Bai et al `Selective water shutoff technology study and application of W/O emulsions'		
		SPE paper 59320		
		SPE/DOE Improved Oil Recovery Symposium, Oklahoma USA, 2000		
	BY	Dalrymple et al `Studies of a relative permeability modifier treatment performed using multitap flow cells'		
		SPE paper 59346		
		SPE/DOE Improved Oil Recovery Symposium, Oklahoma USA, 2000		
	BZ	Liang& Seright 'Wall-effect/ gel-droplet model of disproportionate permeability reduction'		
		SPE paper 59344		
		SPE/DOE Improved Oil Recovery Symposium, Oklahoma USA, 2000		
	CA	Denys et al 'Bridging adsorption of cationic polyacrylamides in porous media'		
		SPE paper 64984		
	1	SPE International Symposium, Texas USA, 2001		

	CB	Botermans et al 'Relative permeareality?'	ability modifiers: myth or		
		SPE paper 68973			
		SPE European Formation Damage Co	SPE European Formation Damage Conference, The Netherlands, 2001		
	cc	Nieves et al 'Field application in Venezuela'	of relative permeability modifier		
		SPE paper 75123			
		SPE/DOE Improved Oil Recovery Sy	mposium, Oklahoma USA, 2002		
	CD	Singleton et al `Further development of the pore scale mechanism of relative permeability modification by partially hydrolysed polyacrylamide'			
		SPE paper 75184			
		SPE/DOE Improved Oil Recovery Symposium, Oklahoma USA, 2002			
	CE	Liang et al 'Gel placement in production wells'			
		SPE Production and Facilities 276, 1993 (SPE 20211)			
	CF	Liang et al 'Why do gels reduce water permeability more than oil permeability?'			
		SPE Reservoir engineering, SPE 27829, November 1995, pp. 28			
	CG	Zaitoun, 'Preparation of a water control polymer treatment at conditions of high temperature and salinity'			
		Journal of Petroleum Science and Engineering (1992), p67-75			
	СН	Elphick, 'A classification of water problem types'			
		3 <sup>rd</sup> International Conference on Reservoir Conformance, USA (1997)			
	CI	Stavland et al 'Improved oil productivity by selective water control'			
		Recent Advances in Enhanced Oil and Gas Recovery, Ed. I. Lakatos, Budapest: Akademiai Kiado (2001), Progress in Mining and Oilfield Chemistry, vol 3, p101-114			
	CJ	Jonsson et al 'Use of surfactants as emulsifiers'			
		Surfactants and Polymers in Aqueous Solution, Chichester: John Wiley & Sons (1998), Ch 17, pp. 351-363.			
	СК	Zinkel et al 'NAVAL STORES, Production, chemistry, utilization'			
		Pulp Chemicals Association, NY (1989), p688-694			
	<u> </u>		DATE CONCIDENCE		
EXAMINER	EXAMINER /Angela DiTrani/		DATE CONSIDERED 06/24/2008		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.

This is not a representation that a search has been made.